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PTO/SB/21 (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/687,487	
	Filing Date	October 17, 2003	
	First Named Inventor	Jock D. MACKINLAY	
	Art Unit	2615	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	7p+12 refs	Attorney Docket Number	D/A3239Q-311296

ENCLOSURES (Check all that apply)		
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Christian Austin-Hollands (Reg. No. 46,527) Customer No. 31011
Signature	
Date	June 4, 2004

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PTO/SB/08A (04-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Complete if Known	
	Application Number	10/687,487
	Filing Date	October 17, 2003
	First Named Inventor	Jock D. MACKINLAY
	Art Unit	2615
	Examiner Name	
Sheet 1 of 2	Attorney Docket Number	D/A3239Q-311296

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2002/0080302	06-27-2002	Dubin et al.	
		US- 2002/0085278	07-04-2002	Kolosowsky	
		US- 6,256,649	07-03-2001	Mackinlay et al.	
		US- 6,185,582	02-06-2001	Zellweger et al.	
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FOREIGN PATENT DOCUMENTS						
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/687,487
		Filing Date	October 17, 2003
		First Named Inventor	Jock D. MACKINALY
		Art Unit	2615
		Examiner Name	UNKNOWN
Sheet 2 of 2	Attorney Docket Number	D/A3239Q-311296	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Applied Science Laboratories Model 501 and Model 504 Eye Tracking System Product Specifications, printed 9/24/2003	
		Chang, B. W. et al., "Animation: From Cartoon to the User Interface", in Proceedings of the Sixth Annual Symposium on User Interface Software and Technology, Atlanta, GA, p. 45-55, 1993.	
		Czerwinski, M. et al., "Women Take a Wider View", Proceedings of the SIGCHI Conference on Human Factors in Computing Systems: changing our Wworld, changing ourselves", April 2002.	
		Gaver, W. et al., "Effective Sounds in Complex Systems: The Arkola Simulation", in Proceedings of the SIGCHI Conference on Human Factors in Computing Systems: Reaching through Technology, March 1991.	
		Henderson, D. et al., "Rooms: The Use of Multiple Virtual Workspaces to Reduce Space Contention in a Window-Based Graphical User Interface", ACM Transactions on Graphics (TOG) July 1986.	
		Igarashi, T. et al., "Fluid Visualization of Spreadsheet Structures", IEEE Symposium on Visual Languages, p. 118-125, Halifax, Nova Scotia, Canada, September 1998.	
		Panko, R., "What We Know About Spreadsheet Errors", Journal of End User Computing's Special Issue on Scaling Up End User's Development, p. 15-21, vol. 10, no. 2. Spring 1998.	
		Tan, D. et al., "Effects of Visual Separation and Physical Discontinuities when Distributing Information Across Multiple Displays", In M. Rauterberg et al. (Eds.), Human-Computer Interaction—INTERACT '03, IOS Press, 252-255. Copyright IFIP, 2003.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/687,487
Applicants : Jock D. MACKINLAY
Filed : October 17, 2003
TC/A.U. : 2615
Examiner : NOT YET AVAILABLE
Docket No. : D/A3239Q-311296
Customer No. : 31011

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) and information listed on the attached PTO-1449 Form. One legible copy of each is attached to the PTO-1449 Form. It is respectfully submitted that the references and information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of the above application (which is not a CPA), OR (b) before the mailing date of a first Office Action on the merits. No certification or fee is required.

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the date of the first Office Action on the merits, but before the mailing date of a Final Rejection, Notice of Allowance, or other action that closes prosecution. Please debit Xerox Corporation Deposit Account 24-0037 in the amount of \$180.00 in payment of the fee under 37 C.F.R. 1.17(p). (A copy of this letter is attached.)
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance; AND
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1); OR
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c), more than three months prior to the filing of this Information Disclosure Statement 37 C.F.R. 1.97(e)(2).
- ☐ 4. This Information Disclosure Statement is being filed after the mailing date of a Final Rejection or Notice of Allowance, but before the payment of the Issue Fee. Please debit Xerox Corporation Deposit Account 24-0037 in the amount of \$180.00 in payment of the fee under 37 C.F.R. 1.17(p). (A copy of this letter is attached.) AND

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1); OR

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c), more than three months prior to the filing of this Information Disclosure Statement 37 C.F.R. 1.97(e)(2).

☐ 5. Per 37 C.F.R. 1.98(a)(3), a concise explanation of the relevance of each of any submitted item that was not in the English language is either enclosed herewith, or incorporated in the application specification.

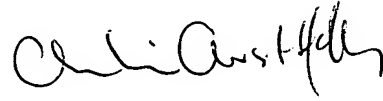
☐ 6. A copy of an English language version of an above-referenced counterpart foreign application search report is attached.

☐ 7. Copies of some or all of the subject references were cited by, or submitted to the Office in related parent Application No. _____, filed _____, which is relied upon under 35 U.S.C. § 120. Thus, copies of these references are not attached (except for copies of cited pending applications). 37 C.F.R. §1.98(d).

☐ 8. A copy of each copending application recited in the parent

application of paragraph 7 above, and/or a copy of other related copending applications, is enclosed.

Respectfully submitted,



Christian Austin-Hollands

Registration No. 46,527

Date: June 4, 2004

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